IPI 101 AAP NEW

One-Button IP Intercom Module

UNIQUE FEATURES

- One backlit, configurable Call/Talk button for communicating with one recipient

IPI 104 AAP NEW

Four-Button IP Intercom Module

UNIQUE FEATURES

- Four backlit, configurable Call/Talk buttons for communicating with four different recipients

IPI 101 AAP

IPI 104 AAP

COMMON FEATURES

- Provides two-way, half-duplex voice communications over an IP network
- For use with IP Intercom-enabled MLC 226 IP MediaLink™ Controllers
- Integrated speaker and microphone
- Three-position switch to adjust speaker volume levels
- LED indicator shows when room is being monitored
- Fits into a four space AAP - Architectural Adapter Plate opening
- Available in black or white

DESCRIPTION

The Extron **MediaLink IP Intercom** modules are designed to be used with Extron's easy-to-use, two-way IP intercom system. The IP intercom system facilitates room-to-help-desk or room-to-room communications within a building or a group of buildings. It provides enhanced support using a standard local area or wide area IP network. To deploy the IP intercom system in a facility, each room requires an MLC 226 IP MediaLink Controller connected to an IP intercom. MediaLink IP Intercom Management software is installed on a central office or helpdesk PC to configure and manage IP intercom system operations.

Uses an Existing Network Drop

Installation and connectivity are easy using twisted pair cable between the IP intercom and the RJ-45 "Intercom" port located on the back panel of the MLC controller. This port is only available on MLC 226 IP MediaLink Controllers shipped after August 15, 2005. Only one IP address and network drop are needed for each system because the IP intercom utilizes the same network drop as the MLC 226 IP. By using the existing network drop, there is no additional expense for a installing a second network cable, while the number of switch ports is reduced, resulting in a substantial cost savings.

Easy Set-up and Configuration with MediaLink IP Intercom Management Software

The free MediaLink IP Intercom Management software makes it easy to set up, manage, and monitor the IP intercom system. The software lets you quickly configure system options and does not require any programming knowledge. The Windows-based software also provides the ability to:

- Transmit and receive calls or pages
- Forward calls to another computer
- Record, log, and archive audio events
- Forward prerecorded voice announcements or chimes to a group of rooms
- Runs on up to four Windows-based PCs
- Hyperlink to GlobalViewer
- Supports hands-free operation

Paging Capability

The MediaLink IP intercom includes a convenient paging capability, allowing the help desk operator to page a single room or group of rooms simultaneously. A line level output is available on the back on each MLC 226 IP MediaLink Controller to mix into a local sound system in each room.

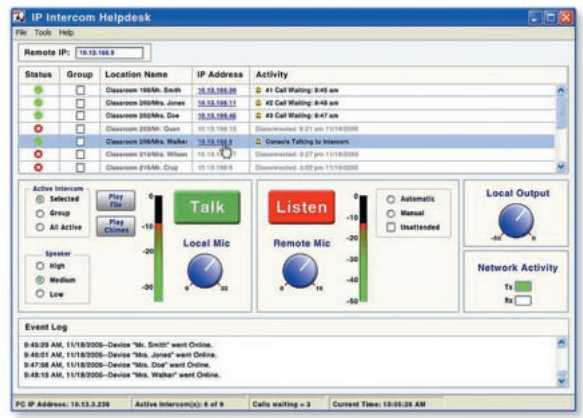
Audio Monitoring, Recording, and Event Call Logging

The MediaLink IP Intercom enables real-time audio monitoring by the help desk for any room where an IP Intercom is installed. Using the MediaLink IP Intercom Management software, intercom calls and pages can be recorded, logged, and date- and time-stamped on the help desk computer. Event logs, as well as actual audio recordings of events, can be accessed and archived for record keeping and tracking purposes.

Security

In addition to the status monitoring capabilities built in the MLC 226 IP, the IP intercom enhances security operations by allowing audio monitoring for each room. For example, if a projector is disconnected from the MLC 226 IP serial port, the GlobalViewer™ software can be configured to automatically notify a help desk operator or security personnel via e-mail. For immediate notification, e-mails can be sent to multiple addresses including cell phones and wireless PDAs. Help desk operators or other authorized personnel can then use the IP intercom's audio monitoring capability to listen to the activity in this room, helping them determine if security personnel should be dispatched to investigate.

The MediaLink IP Intercom is perfect for campus-wide A/V systems that require internal communications, help desk support, and security/status monitoring.



MediaLink IP Intercom Management Software

MODEL	VERSION DESCRIPTION	PART #
IPI 101 AAP	One-button, black	70-501-02
IPI 101 AAP	One-button, white	70-501-03
IPI 104 AAP	Four-button, black	70-502-02
IPI 104 AAP	Four-button, white	70-502-03

Continued →

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MediaLink™ IP Intercom Series

SPECIFICATIONS

AUDIO (IPI AND MLC 226 IP)

Speaker	1.4" (35.6 mm), 1-way, indoor
Frequency response	
Line level output (MLC)	20 Hz to 3.3 kHz, ±1 dB
Speaker output (IPI)	300 Hz to 3.3 kHz, -10 dB
Nominal sensitivity / IPI speaker output level	80 dB SPL, 300 mW, 3' (1 m)

PROCESSING

Audio format	PCM, µ-law companded
Sampling rate	8 kHz
Sample size	16 bit, µ-law companded to 8 bit
Audio latency (software)	30 ms through 160 ms
Audio latency (network)	<150 ms, typical

AUDIO INPUT (IPI)

Number / Signal type	1 mono, via integrated electret microphone
Microphone gain adjustment	-30 dB to 0 dB in 2 dB steps + mute

NOTE: 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV ≈ 2 dBu

AUDIO OUTPUT

Number / Signal type	2 mono: 1 via MLC 226 IP, 1 via IPI speaker
Line level output (MLC)	-10 dBV (316 mVrms), unbalanced (via 3.5 mm captive screw connector, 2 pole)
Amplified speaker output (IPI)	300 mW, continuous (via integrated speaker), 1% THD

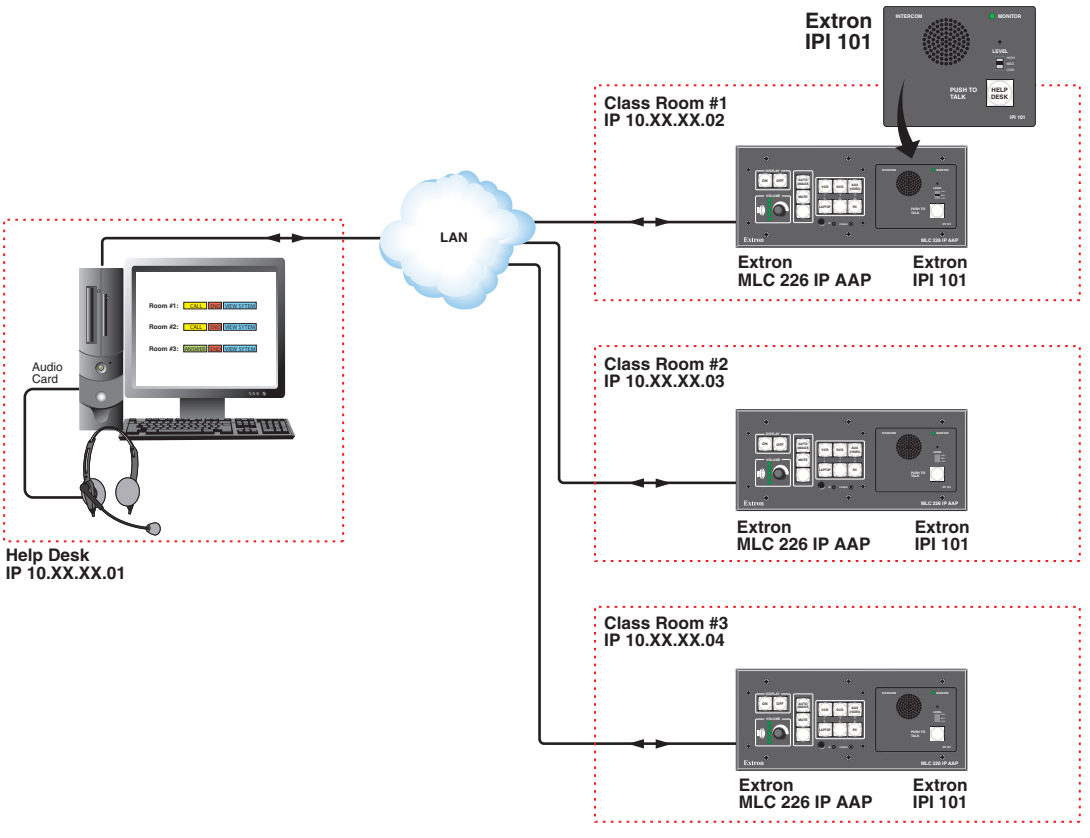
ETHERNET CONTROL INTERFACE VIA MLC 226 IP

Ethernet control / Communications port	1 RJ-45 female connector
Ethernet data rate / Transport bandwidth	80 kbps (0.08% of 100Base-T)
Communications type	Half duplex
Ethernet protocol	TCP (control), UDP (audio)
Program control (via MLC)	Extron's control/configuration program for Windows® Extron's Simple Instruction Set (SIS™) Microsoft® Internet Explorer, Telnet

GENERAL

Power	Supplied by an MLC 226 IP
Power input requirements	+12 VDC, <100 mA
Distance between MLC 226 IP and an IPI	50' (15.2 m), maximum
Connection type (IPI - MLC)	RJ-45 jacks with CAT 5, CAT 5e, or CAT 6 cable
Temperature / Humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Rack mount	Yes, with optional faceplate. Also furniture- and wall-mountable with optional faceplate or in an MLC 226 IP AAP faceplate.
Enclosure type	Metal faceplate
Enclosure dimensions	
Faceplate	2.8" H x 3.5" W x 0.1" D (7.1 cm H x 8.9 cm W x 0.3 cm D) (four space AAP plate)
Board/device	2.7" H x 2.6" W x 0.9" D (6.9 cm H x 6.6 cm W x 2.3 cm D) (Depth excludes buttons and switch. Allow at least 2.1" (5.3 cm) depth in the wall / furniture.)
Product weight	0.2 lbs (0.1 kg)
Shipping weight	1 lbs (1 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	CE, FCC Class A, VCCI, AS / NZS, ICES
MTBF	30,000 hours
Warranty	3 years parts and labor

NOTE: All nominal levels are at ±10%. Specifications are subject to change without notice.



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